Response dated: October 16, 2006

Reply to Office Action dated: June 16, 2006

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## AMENDMENTS TO THE CLAIMS

- 1. (Currently Amended) An actuator, comprising: an actuator element physically supported by and coupled to a suspension element at at least one application site of a bonding agent, the bonding agent covered by a coating application, wherein the actuator element is a micro-actuator.
- 2. (Cancelled)
- 3. (Currently Amended) The actuator of claim-2 claim 1, wherein the micro-actuator is selected from a group consisting of a piezoelectric micro-actuator, an electromagnetic micro-actuator, an electrostatic micro-actuator, a capacitive micro-actuator, a fluidic micro-actuator, or a thermal micro-actuator.
- 4. (Original) The actuator of claim 1, wherein the bonding agent is a silver paste.
- 5. (Original) The actuator of claim 1, wherein the coating application has a glass transition temperature greater than 120 degrees Celsius.
- 6. (Original) The actuator of claim 1, wherein the coating application has a Young's modulus greater than 0.6G Pa.

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- 7. (Original) The actuator of claim 1, wherein the coating application is an epoxy agent.
- 8. (Original) The actuator of claim 7, wherein the epoxy agent contains a filler ingredient.
- 9. (Original) The actuator of claim 8, wherein the filler ingredient is selected from a group consisting of metal, glass, or a fiber material.
- 10. (Original) The actuator of claim 1, further comprising a step element to maintain a parallel spatial relationship between the actuator element and the suspension element.
- 11. (Original) The actuator of claim 10, wherein the step element is created by thickening a portion of the actuator element.
- 12. (Original) The actuator of claim 10, wherein the step element is coupled to a portion of the actuator element.
- (Currently Amended) A system, comprising:
  an actuator element;
- a suspension element coupled to and supporting the actuator element by at least one application site of a bonding agent, the bonding agent covered by a coating application wherein the bonding agent is a silver paste.

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- 14. (Original) The system of claim 13, further comprising a magnetic head element coupled to the suspension element by at least one application site of a bonding agent, the bonding agent covered by a coating application.
- 15. (Original) The system of claim 13, wherein the actuator element is selected from a group consisting of a piezoelectric micro-actuator, an electromagnetic micro-actuator, an electrostatic micro-actuator, a capacitive micro-actuator, a fluidic micro-actuator, or a thermal micro-actuator.
- 16. (Original) The system of claim 15, wherein the micro-actuator is a piezoelectric micro-actuator.
- 17. (Original) The system of claim 13, further comprising a slider element coupled to the actuator element.
- 18. (Original) The system of claim 13, further comprising a hard drive to be read by the slider element.
- 19. (Cancelled)
- 20. (Original) The system of claim 13, wherein the coating application has a glass transition temperature greater than 120 degrees Celsius.

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- 21. (Original) The system of claim 13, wherein the coating application has a Young's modulus greater than 0.6G Pa.
- 22. (Original) The system of claim 13, wherein the coating application is an epoxy agent.
- 23. (Original) The system of claim 22, wherein the epoxy agent contains a filler ingredient.
- 24. (Original) The system of claim 23, wherein the filler ingredient is selected from a group consisting of metal, glass, or a fiber material.
- 25. (Original) The system of claim 13, further comprising a first step element to maintain a parallel spatial relationship between the actuator element and the suspension element.
- 26. (Original) The system of claim 25, wherein the first step element is created by thickening a portion of the actuator element.
- 27. (Original) The system of claim 26, wherein a second step element is molded into the suspension element.
- 28. (Original) The system of claim 25, wherein the first step element is coupled to a portion of the actuator element.

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- 29. (Original) The system of claim 28, wherein a second step element is coupled to a portion of the suspension element.
- 30. (Original) The system of claim 25, wherein the first step element is molded into the suspension element.
- 31. (Original) The system of claim 25, wherein the first step element is coupled to a portion of the suspension element.
- 32. (Original) The system of claim 25, wherein the first step element is coupled to a portion of the suspension element using one of a group of materials comprising epoxy, resin, anisotropic conductive film, and anisotropic conductive adhesive.
- 33. (Original) The system of claim 25, wherein the first step element is coupled to a portion of the micro-actuator element using one of a group of materials comprising epoxy, resin, anisotropic conductive film, and anisotropic conductive adhesive.
- 34-52 (Cancelled)
- 53. (New) An actuator, comprising: an actuator element physically supported by and coupled to a suspension element at least one application site of a bonding agent, the bonding

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agent covered by a coating application further comprising a step element to maintain a parallel spatial relationship between the actuator element and the suspension element

- 54. (New) The actuator of claim 53, wherein the actuator element is a micro-actuator.
- 55. (New) The actuator of claim 54, wherein the micro-actuator is selected from a group consisting of a piezoelectric micro-actuator, an electromagnetic micro-actuator, an electrostatic micro-actuator, a capacitive micro-actuator, a fluidic micro-actuator, or a thermal micro-actuator.
- 56. (New) The actuator of claim 53, wherein the bonding agent is a silver paste.
- 57. (New) The actuator of claim 53, wherein the coating application has a glass transition temperature greater than 120 degrees Celsius.
- 58. (New) The actuator of claim 53, wherein the coating application has a Young's modulus greater than 0.6G Pa.
- 59. (New) The actuator of claim 53, wherein the coating application is an epoxy agent.
- 60. (New) The actuator of claim 59, wherein the epoxy agent contains a filler ingredient.

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- 61. (New) The actuator of claim 60, wherein the filler ingredient is selected from a group consisting of metal, glass, or a fiber material.
- 62. (New) The actuator of claim 53, wherein the step element is created by thickening a portion of the actuator element.
- 63. (New) The actuator of claim 53, wherein the step element is coupled to a portion of the actuator element.